

# STANDARDS OF APPRENTICESHIP adopted by

# WASHINGTON STATE DEPARTMENT OF TRANSPORTATION JATC

(sponsor)

Skilled Occupational Objective(s):

DOT/SOC

Term

TRANSPORTATION TECHNICIAN 2

005.261-014/17-3022.00

24 MONTHS





# APPROVED BY Washington State Apprenticeship and Training Council REGISTERED WITH

# **Apprenticeship Section of Specialty Compliance Services Division**

Washington State Department Labor and Industries
Post Office Box 44530
Olympia, Washington 98504-4530

#### **APPROVAL:**

	JANUARY 20, 2006		APRIL 21, 2006	
	Initial Approval		Committee Amended	
	<u> </u>			_
	Standards Amended (review)		Standards Amended (administrative)	
By:	MELINDA NICHOLS	By:	PATRICK WOOD	
,	Chair of Council	,	Secretary of Council	

The Washington State Apprenticeship and Training Council (WSATC) has the authority to develop, administer, and enforce apprenticeship program standards (Standards) for the operation and success of an apprenticeship and training program in the State of Washington. Apprenticeship programs and committees function, administer, or relinquish authority only with the consent of the WSATC and only apprentices registered with the supervisor or recognized under the terms and conditions of a reciprocal agreement will be recognized by the WSATC. Parties signatory to these Standards declare their purpose and policy is to establish and sponsor an organized system of registered apprenticeship training and education.

These Standards are in conformity and are to be used in conjunction with the Apprenticeship Rules, Chapter 296-05 WAC (Washington Administrative Code); Apprenticeship Act, Chapter 49.04 RCW (Revised Code of Washington); The National Apprenticeship Act, 29 U.S.C. (United States Code) 50; Apprenticeship Programs, Title 29 Part 29 CFR (Code of Federal Regulations); and Equal Employment Opportunity in Apprenticeship and Training, Title 29 Part 30 CFR which govern employment and training in apprenticeable occupations. They are part of this apprenticeship agreement and bind all signers to compliance with all provisions of registered apprenticeship. Additional information may need to be maintained by the program that is supplemental to these apprenticeship standards. This information is for purposes of ensuring compliance with decisions of the WSATC and the apprenticeship laws identified above.

If approved by the council, such amendment/s and such changes as adopted by the council shall be binding to all parties. Sponsors shall notify apprentices of changes as they are adopted by the council. If and when any part of these Standards becomes illegal, as pertains to federal and/or state law, that part and that part alone will become inoperative and null and void, and the Department of Labor and Industries (L&I) may adopt language that will conform to applicable law. The remainder of the Standards will remain in full force and effect.

See WAC 296-05-003 for the definitions necessary for use with these Standards.

# I. <u>GEOGRAPHIC AREA COVERED</u>:

The sponsor has no authority to conduct training outside of the geographical area covered by these Standards. The sponsor may enter into an agreement (portability agreements – see WAC 296-05-303(3)) with other apprenticeship committees for the use of apprentices by training agents that are working outside their approved geographic area. Also, if a reciprocity agreement (see WAC 296-05-327) is in place, the out-of-state sponsor may use their registered apprentices. The sponsor will ensure compliance with the provisions of any agreement recognized by the WSATC.

The geographic area covered by these standards shall be the state of Washington.

## II. MINIMUM QUALIFICATIONS:

Minimum qualifications must be clearly stated and applied in a nondiscriminatory manner (see WAC 296-05-316).

Age: Must be 18 years or older

Education: High school diploma or GED equivalent

Physical: Must be able to meet the essential job functions of the position.

Testing: None

Other: Some positions may require the possession and maintenance of a valid

driver's license.

# III. CONDUCT OF PROGRAM UNDER WASHINGTON EQUAL EMPLOYMENT OPPORTUNITY PLAN:

Sponsors with five (5) or more apprentices must adopt an Equal Employment Opportunity (EEO) Plan and Selection Procedures (see Part D of Chapter 296-05 WAC and 29 CFR Part 30).

The recruitment, selection, employment and training of apprentices during their apprenticeship shall be without discrimination because of race, sex, color, religion, national origin, age, disability or as otherwise specified by law. The sponsor shall take positive action to provide equal opportunity in apprenticeship and will operate the apprenticeship program as required by the rules of the Washington State Apprenticeship and Training Council and Title 29, Part 30 of the Code of Federal Regulations. (WAC 296-05-316(3))

#### A. Selection Procedures:

Selection through Washington State Civil Service Rules per WAC 357-25.

- 1. The administration of the application process shall be carried out in the following manner:
  - a. Candidate applications shall be completed and forwarded to WSDOT HQ Recruitment and Retention Section for collection within timeframe stated on apprenticeship recruitment bulletin.
  - b. All applications received will then be forwarded to the JATC for review at the next scheduled JATC meeting.

- c. The JATC will review applications received, and identify and exclude those that do not meet the minimum qualifications.
- d. All applications meeting minimum requirements will be copied and sorted into geographic groupings (work location preferences) as declared on application.
- e. The JATC will review diversity declarations as identified on candidate application in order to reasonably ensure adequate numbers of diverse candidates are included in geographic candidate pools.
- d. Where diverse numbers are not present, the JATC will collaboratively agree upon next steps, before forwarding applicant candidate pool to region/s supervisor/s for interview and selection.
- e. If it is determined that adequate diverse numbers are indeed present, copies of applications will be forwarded to appropriate hiring supervisors for interview and selection from specified geographic candidate pool.
- f. All original applications will be retained within the WSDOT Recruitment and Retention Office according to state records retention schedule.
- 2. Once apprentices have been selected, the WSDOT will use an evaluation tool (i.e.; Compass, Asset) formally recognized by the Community/Technical College system, for benchmarking (progress) purposes only. The evaluation tool will be administered to apprentices near the beginning and end of the apprenticeship.
- B. Equal Employment Opportunity Plan:

Exempt by reason of selection through Washington State Civil Service Rules per WAC 357-25. (WAC 296-05-405(1)(b)).

#### Discrimination Complaints.

Any apprentice or applicant for apprenticeship who believes they have been discriminated against may file a complaint (WAC 296-05, Part D).

# IV. <u>TERM OF APPRENTICESHIP</u>:

The minimum term of apprenticeship must not be less than 2000 hours or 12 months of work experience in each occupation identified in these Standards as apprenticeable. The term of apprenticeship must be stated in hours or months of employment.

The term of apprenticeship will be 24 months of employment.

# V. <u>INITIAL PROBATIONARY PERIOD:</u>

All apprentices are subject to an initial probationary period, stated in hours or months of employment for which they receive full credit toward completion of apprenticeship. Advance credit/standing will not reduce the initial probationary period. The initial probationary period:

- Is the period following the apprentice's acceptance into the program and during which the apprentice's appeal rights are impaired. The initial probation must not exceed twenty percent (20%) of the term of apprenticeship unless an exemption by the WSATC has been granted for longer probationary periods as specified by Civil Service or law.
- Is the period that the WSATC or the supervisor of apprenticeship may terminate an apprenticeship agreement at the written request by any affected party. The sponsor or the apprentice of the apprenticeship agreement may terminate the agreement without a hearing or stated cause. An appeal process is available to apprentices who have completed the initial probationary period.

Exemption granted on January 20, 2006 by the Washington State Apprenticeship and Training Council due to Washington State Civil Service Rules, WAC 357-19-040 and the International Federation of Professional and Technical Engineers, Local 17, Article 3.10 -- Every part-time and full-time employee, following his or her initial appointment to a permanent position, will serve a probationary period of 12 consecutive months.

# VI. RATIO OF APPRENTICES TO JOURNEY LEVEL WORKERS:

Supervision is the necessary education, assistance, and control provided by a journey-level employee that is on the same job site at least seventy-five percent of each working day, unless otherwise approved by the WSATC. The sponsor will assure that apprentices are under the supervision of competent and qualified journey-level workers on the job who are responsible for the work being performed, to ensure safety and training in all phases of the work. Apprentices will work the same hours as journey-level workers, EXCEPT where such hours may interfere with related/supplemental instruction. (see WAC 296-05-316(5))

The Washington State Department of Transportation's ratio shall not be more than 1 apprentice to 1 journey level worker on the jobsite.

# VII. APPRENTICE WAGES AND WAGE PROGRESSION:

The apprentice will be paid a progressively increasing schedule of wages based on specified percentages of journey-level wage consistent with skills acquired. These may be indicated in hours or monthly periods set by the sponsor. The entry wage will not be less than the minimum wage prescribed by the Fair Labor Standards Act, where applicable, unless a higher wage is required by other applicable federal law, state law, respective regulations, or by collective bargaining agreement.

The sponsor may accelerate, by an evaluation process, the advancement of apprentices who demonstrate abilities and mastery of the occupation to the level for which they are qualified. When the apprentice is granted advanced standing the sponsor must notify the employer/training agent of the appropriate wage per the wage progression schedule specified in these Standards.

The wage progression used for the Transportation Technician 2 Apprentice will be set at range 40 of the Washington State wage progression.

Per International Federation of Professional and Technical Engineers Collective Bargaining Agreement:

Article 38.6 Establishing Salaries for New Employees and New Classifications
A. The Employer will assign newly hired employees to the appropriate range and step of the appropriate State Salary Schedules as described in Compensation Appendices.

Article 38.7 Periodic Increases Employees will receive periodic increases as follows: A. Employees who are hired at the minimum step of the pay range will receive a two (2) step increase to base salary following completion of six (6) months of service, and an additional two (2) step increase annually thereafter, until they reach the top of the pay range.

## VIII. WORK PROCESSES:

The apprentice shall receive on the job instruction and experience as is necessary to become a qualified journey-level worker versed in the theory and practice of the occupation covered by these Standards. The following is a condensed schedule of work experience, which every apprentice shall follow as closely as conditions will permit.

Employers/training agents shall only use registered apprentices to perform the work processes as stated in this section. (WAC 296-05-003 - Definitions)

The following are duties that apprentices may typically perform however, they are not to be considered all-inclusive but rather representative of the responsibility, difficulty, and typical types of duties which Transportation Technician 2 Apprentices should expect to perform.

#### A. Transportation Technician 2

**Approximate Months** 

- 1. Design......6 months
  - Performs routine design and plans tasks
    - Performs computer input and coding of programs for alignments, quantities, and cost estimates
    - Performs basic computer aided engineering tasks such as data transfer
    - Checks basic engineering calculations such as areas, volumes, distances, and grades
- 2. Construction ...... 6 months
  - Checks inspector field notes and enters quantities into ledger system
  - Assists in preparing estimates and final records by performing and checking calculations
  - Serves as a survey party member
  - Assist with taking field notes either manually or with data collector
  - Serves as an inspector's aide
  - Makes simple "as-built" corrections to construction plans
  - Performs materials testing for concrete (slump, air, cylinder), aggregate sampling, compaction
  - Testing of asphalt and soils
  - Works at scale stations performing weight checks, issuing tickets, etc.

<b>J.</b>	Environmental o months				
	<ul> <li>Assists in compiling, classifying, and summarizing information</li> </ul>				
	<ul> <li>Serves as field assistant learning and using routine procedures to sample and test (i.e.: turbidity, pH, solids, gradation)</li> </ul>				
	<ul> <li>Prepares water quality reports</li> </ul>				
	<ul> <li>Records test data and interprets results</li> </ul>				
4.	Traffic6 months				
	<ul> <li>Performs basic traffic flow analysis</li> </ul>				
	Collects, validates, and summarizes road usage data				
	Compile basic safety summary reports				
	<ul> <li>Summarize performance data related to operation initiatives</li> </ul>				
	Total Months: 24				

# IX. <u>RELATED/SUPPLEMENTAL INSTRUCTION:</u>

The apprentice must attend related/supplemental instruction. Time spent in related/supplemental instruction will not be considered as hours of work, and the apprentice is not to be paid for time so spent, unless otherwise stated in these Standards.

The sponsor/training agent must provide for instruction of the apprentice during the related/supplemental instruction in safe and healthful work practices in compliance with the Washington Industrial Safety and Health Act, and applicable federal and state regulations.

In case of failure on the part of any apprentice to fulfill this obligation, the sponsor has authority to take disciplinary action (see Administrative/Disciplinary Procedures section).

Clock hours of actual attendance by the apprentice in related/supplemental instruction classes at the community/technical college or other approved training locations shall be reported to L&I on a quarterly basis for verifying attendance and industrial insurance purposes.

For industrial insurance purposes, the WSATC will be considered as the employer should any apprentice, <u>not being paid to attend</u>, sustain an injury while participating in related/supplemental classroom activity, or other directly related activity outside the classroom. The activities must be at the direction of the instructor.

The methods of related/supplemental training must consist of one or more of the following:

- ( ) Supervised field trips
  (X) Approved training seminars
  (X) A combination of home study and approved correspondence courses
  ( ) State Community/Technical college
  ( ) Private Technical/Vocational college
  ( ) Training trust
- (X) Other (specify) Internal training will be administered by the WSDOT Staff Development Section

**144** Minimum RSI hours per year, (see WAC 296-05-305(5))

Additional Information:

It is expected that each apprentice will successfully complete all related supplemental instruction courses, including those with a "test" component. Successful completion will be signified by course completion as reported on apprentices' individual record of training.

If an apprentice notifies their supervisor of difficulty with completing the course/s, the Department will make every effort to locate a volunteer mentor to further assist the apprentice in completing the coursework.

All RSI training should be completed within the 24-month timeframe. However, if an apprentice is unable to complete all RSI training courses within the 24-month timeframe, the apprentice may ask for a 6-month extension through their supervisor, who will forward the request to the JATC for consideration. JATC consideration beyond the 6-month extension will only be given in cases where an apprentice can show sound reason for their inability to comply with this standard.

# X. <u>ADMINISTRATIVE/DISCIPLINARY PROCEDURES:</u>

Sponsors may include in this section requirements and expectations of the apprentices and training agents and an explanation of disciplinary actions that may be imposed for noncompliance. The sponsor has the following disciplinary procedures that they may impose: Disciplinary Probation, Suspension, or Cancellation.

<u>Disciplinary Probation</u>: A time assessed when the apprentice's progress is not satisfactory. During this time the program sponsor may withhold periodic wage advancements, suspend or cancel the apprenticeship agreement, or take further disciplinary action. A disciplinary probation may only be assessed after the initial probation is completed. During the disciplinary probation, the apprentice has the right to file an appeal of the committee's action with the WSATC (as described in WAC 296-05-009).

<u>Suspension</u>: A suspension is a temporary interruption in progress of an individuals apprenticeship program that may result in the cancellation of the Apprenticeship Agreement. Could include temporarily not being allowed to work, go to school or take part in any activity related to the Apprenticeship Program until such time as the Apprenticeship Committee takes further action.

<u>Cancellation</u>: Refers to the termination of an apprenticeship agreement at the request of the apprentice, supervisor, or sponsor. (as described in WAC 296-05-009).

#### A. General Procedures

Reduction in Workforce procedures are subject to Local 17 International Federation of Professional and Technical Engineers Collective Bargaining Agreement, Article 32.

# B. <u>Local Apprenticeship Committee Policies</u>

None

# C. Complaint and Appeal Procedures:

All approved programs must establish procedures explaining the program's complaint review process. Complaints that involve matters covered by a collective bargaining agreement are not subject to the complaint review procedures in this section.

Complaint (after initial probation completed) – WAC 296-05-009 and 296-05-316(21)

# Prior to: 20 days of intention of disciplinary action by a committee/organization

- Committee/organization must notify the apprentice <u>in writing</u> of action to be taken
- Must specify the reason(s) for discipline, suspension, or cancellation
- Decision will become effective immediately
- Written reason(s) for such action will be sent to the apprentice

#### Within: 30 days request for reconsideration from the committee

• Apprentice to request local committee to reconsider their action

#### Within: 30 days of apprentice's request for reconsideration

• Local committee/organization must provide written notification of their final decision

# If apprentice chooses to pursue the complaint further:

## Within: 30 days of final action

- Apprentice must submit the complaint <u>in writing</u> to the supervisor (L&I)
- Must describe the controversy and provide any backup information
- Apprentice must also provide this information to the local committee/organization

## Within: 30 days for supervisor to complete investigation

• If no settlement is agreed upon during investigation, then supervisor must issue a <u>written</u> decision resolving the controversy when the investigation is concluded

If the apprentice or local committee/organization disputes supervisor decision:

Within: 30 days of supervisor's decision, request for WSATC hearing

• Request must be in writing

- Must specify reasons supporting the request
- Request and supporting documents must be given to all parties
- WSATC must conduct the hearing in conjunction with the regular quarterly meeting

Within: 30 days after hearing

• WSATC to issue written decision

# XI. COMMITTEE – RESPONSIBILITIES AND COMPOSITION

NOTE: The following is an overview of the requirements associated with administering an apprenticeship committee and/or program. These provisions are to be used with the corresponding RCW and/or WAC.

The sponsor is the policymaking and administrative body responsible for the operation and success of this apprenticeship program. A committee is responsible for the day-to-day operations of the apprenticeship program and they must be knowledgeable in the process of apprenticeship and/or the application of Chapter 49.04 RCW and Chapter 296-05 WAC. Sponsors must develop procedures for:

A. Committee Operations (WAC 296-05-316): (Not applicable for Plant Programs) Convene meetings at least three times per year of the program sponsor and apprenticeship committee attended by a quorum of committee members as defined in the approved Standards. If the committee does not indicate its definition of quorum, the interpretation will be "50% plus 1" of the approved committee members. Conference call meetings may be conducted in lieu of regular meetings but must not exceed the number of attended meetings and no disciplinary action can be taken during conference call meetings.

#### B. Program Operations (Chapter 296-05 WAC - Part C & D):

1. The sponsor will record and maintain records pertaining to the local administration of the apprenticeship program and make them available to the WSATC or its representative on request.

Records required by WAC 296-05-400 through 455 (see Part D of Chapter 296-05 WAC) will be maintained for five (5) years; all other records will be maintained for three (3) years.

2. The sponsor will submit to L&I through the assigned state apprenticeship coordinator the following list:

Forms are available on line at <a href="http://www.LNI.wa.gov/scs/apprenticeship">http://www.LNI.wa.gov/scs/apprenticeship</a> or from your assigned apprenticeship coordinator.

- Apprenticeship Agreement Card within first 30 days of employment
- Authorization of Signature as necessary
- Authorized Training Agent Agreements (committee approving or canceling) within 30 days
- Apprenticeship Committee Meeting Minutes within 30 days of meeting (not required for Plant program)
- Change of Status within 30 days of action by committee, with copy of minutes
- Journey Level Wage at least annually, or whenever changed
- Revision of Standards and/or Committee Composition as necessary
- RSI (Quarterly) Reports:

1st quarter: January through March, by April 10 2nd quarter: April through June, by July 10

3rd quarter: July through September, by October 10
4th quarter: October through December, by January 10

- 3. Adopt, as necessary, local program rules or policies to administer the apprenticeship program in compliance with these Standards that must be submitted for L&I approval and updating these Standards. The L&I apprenticeship program manager may administratively approve requests for revisions in the following areas of the Standards:
  - Program name
  - Section III: Conduct of Program Under Washington Equal Employment Opportunity Plan
  - Section VII: Apprentice Wages and Wage Progression
  - Section IX: Related/Supplemental Instruction
  - Section XI: Committee Responsibilities and Composition (including opening statements)
  - Section XII: Subcommittees
  - Section XIII: Training Director/Coordinator

# C. <u>Management of Apprentices:</u>

1. Each apprentice (and, if under 18 years of age, the parent or guardian) will sign an apprenticeship agreement with the sponsor, who will then register the agreement, with L&I before the apprentice attends the related/supplemental instruction classes, or within the first 30 days of employment as an apprentice. For the purposes of industrial insurance coverage and prevailing wage exemption under RCW 39.12.021, the effective date of registration will be the date the agreement is received by L&I.

L&I must be notified within 30 days of program approval, of all requests for disposition or modification of agreements, with a copy of the committee minutes approving the changes, which may be:

- Certificate of completion
- Additional credit
- Suspension (i.e. military service or other)
- Reinstatement
- Cancellation and/or
- Corrections
- 2. Rotate apprentices in the various processes of the skilled occupation to ensure the apprentice is trained to be a competent journey-level worker.
- 3. Periodically review and evaluate apprentices before advancement to the apprentice's next wage progression period. The evidence of such advancement will be the record of the apprentice's progress on the job and during related/supplemental instruction.
- 4. The sponsor has the obligation and responsibility to provide, insofar as possible, continuous employment for all apprentices in the program. The sponsor may arrange to transfer an apprentice from one training agent to another, or to another sponsor when the sponsor is unable to provide reasonably continuous employment, or they are unable to provide apprentices the diversity of experience necessary for training and experience in the various work processes as stated in these Standards. The new sponsor or training agent will assume all the terms and conditions of these Standards. If, for any reason, a layoff of an apprentice occurs, the apprenticeship agreement will remain in effect unless canceled by the sponsor.
- 5. An apprentice who is unable to perform the on-the-job portion of apprenticeship training may, if the apprentice so requests and the sponsor approves, participate in related/supplemental instruction, subject to the apprentice obtaining and providing to the sponsor written requested document/s for such participation. However, time spent will not be applied toward the on-the-job portion of apprenticeship training.
- 6. Hear and adjust all complaints of violations of apprenticeship agreements.
- 7. Upon successful completion of apprenticeship, as provided in these Standards, and passing the examination that the sponsor may require, the sponsor will recommend that the WSATC award a Certificate of Completion of Apprenticeship. The program will make an official presentation to the apprentice that has successfully completed his/her term of apprenticeship.
- D. <u>Training Agent Management:</u>

- 1. Offer training opportunities on an equal basis to all employers and apprentices. Grant equal treatment and opportunity for all apprentices through reasonable working and training conditions and apply those conditions to all apprentices uniformly. Provide training at a cost equivalent to that incurred by currently participating employers and apprentices. Not require an employer to sign a collective bargaining agreement as a condition of participation.
- 2. Determine the adequacy of an employer to furnish proper on-the-job training in accordance with the provisions of these Standards. Require all employers requesting approved training agent status to complete an approved training agent agreement and comply with all federal and state apprenticeship laws and the appropriate apprenticeship Standards.
- 3. Submit approved training agent agreements to the department with a copy of the agreement and/or the list of approved training agents within thirty days of committee approval. Submit rescinded approved training agent agreements and/or the list of approved training agents to the department within thirty days of said action.

# E. <u>Composition of Committee:</u> (see WAC 296-05-313)

Apprenticeship committees must be composed of an equal number of management and non-management representatives composed of at least four members but no more than twelve. If the committee does not indicate its definition of a quorum, the interpretation will be "50% plus 1" of the approved committee members.

Apprenticeship committees shall elect a chairperson and a secretary who shall be from opposite interest groups, i.e., chairperson-employers; secretary-employees, or vice versa; EXCEPT, this does not apply where the Registration Agency represents the apprentice(s).

For plant programs the WSATC or the department designee will act as the employee representative.

Quorum: 50% plus 1 of the approved committee members

Program type administered by the committee: **Individual Joint** 

The employer representatives shall be:

Todd Lamphere, Secretary Kevin Dayton

**Recruitment & Retention Manager** State Construction Engineer

PO Box 47310 PO Box 47354

Olympia WA 98504-7310 Olympia WA 98504-7354

Adrienne Sanders Jessica Todorovich

Operations Manager Labor Relations Manager

PO Box 47310 PO Box 47310

Olympia WA 98504-7310 Olympia WA 98504-7310

The employee representatives shall be:

Bill Kalibak, Chair

Local 17 Union Representative

Katherine E Cunningham

Local 17 Union Representative

2900 Eastlake Ave E, Suite 300 2900 Eastlake Ave E, Suite 300

Seattle WA 98102 Seattle WA 98102

Cameron Harper Don Briscoe

PO Box 47440 Legislative Affairs Director Olympia, WA 98504-7440 2900 Eastlake Ave E, Suite 300

Seattle WA 98504-7440 2900 Eastlake Ave E, Suite

## XII. <u>SUBCOMMITTEE:</u>

Subcommittee(s) approved by L&I, represented equally from management and non-management, may also be established under these Standards, and are subject to the main committee. All actions of the subcommittee(s) must be approved by the main committee.

None

## XIII. TRAINING DIRECTOR/COORDINATOR:

The sponsor may employ a person(s) as a full or part-time training coordinator(s)/training director(s). This person(s) will assume responsibilities and authority for the operation of the program as are delegated by the sponsor.

Todd Lamphere Recruitment & Retention Manager PO Box 47310 Olympia, WA 98504-7310